

Notice of Allowability

Application No.

09/781,823

Applicant(s)

MATHUR ET AL.

Examiner

Huyen X. Vo

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/23/2005.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

W. R. YOUNG
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-14 and 23-24 are allowed over prior art of record. The following is an examiner's statement of reasons for allowance: Mase et al. (US 5978820) disclose a method for analyzing an inputted text on the basis of the text analysis rule and the data on text attributes, generating a text analysis table, determining the text type of the inputted text in an electronic form on the basis of the text type identification rules and the content of the text analysis table, also determining the text content/domain type on the basis of the text content/domain type identification rules, selecting a summarization method setting table corresponding to a combination of the determined text type and text content/domain type, and summarizing the inputted text in an electronic form on the basis of the summarization method setting table and the summarization rule, a text summarizing method and system for preventing the correctness of text summarization from dropping due to a difference in the constitution, field, and content of a text (*referring to Mase reference*). Grefenstette (US 6289304) teaches a method for summarizing text using part-of-speech (POS) data indicating parts of speech for tokens in the text. The POS data can be obtained using input text data defining the text, such as by POS tagging. The POS data can be used to obtain group data indicating groups of tokens of the text, such as verb groups and noun groups. The group data can also indicate, within each group, any tokens that meet a POS based removal criterion. The group data can be used to obtain summarized text data by removing tokens that meet the removal criterion (*referring to the reference*).

Both Mase et al. and Grefenstette fail to specifically disclose the step of differentiating between the parsed semantic components includes determining whether each semantic component is considered to be a natural language component having natural language expressions, wherein selection of the compression method to use for each corresponding semantic component is based at least in part on whether said corresponding semantic component is determined to be a natural language component, and wherein semantic components determined to be natural language components are treated differently, using different compression techniques during compression, than semantic components that are determined to not be natural language components; such that compression of semantic components determined to be natural language components includes obtaining a plurality of versions of compressed content and determining which of the plurality of versions provides a greatest amount of content without exceeding a threshold limit, and such that compression of semantic components determined to not be natural language components includes using customized compression including at least one of replacing text with substitute text, removing at least one header in a message, deleting text and replacing at least one name with an initial. Furthermore, it would have not been obvious to one of ordinary skill in the art at the time of invention to modify Mase and/or Grefenstette in order to obtain the claimed invention. Therefore, claims 1-14 and 23-24 are allowed over prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huyen X. Vo whose telephone number is 571-272-7631. The examiner can normally be reached on M-F, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HXV

9/21/2005

W. R. YOUNG
PRIMARY EXAMINER